

REMARKS

Claims 1-10 remain pending in the present application. Claims 1, 2, 4, 5 and 7-10 have been amended. Basis for the amendments can be found throughout the specification, claims and drawings as originally filed.

DRAWINGS

The drawings are objected to under 37 CFR 1.83(a). Applicants have amended the claims to remove all of the references to "an imaginary plane" or "the plane". Withdrawal of the objection is respectfully requested.

CLAIM OBJECTIONS

Claim 10 is objected to because of informalities. Claim 10 has been amended to overcome the objection. Withdrawal of the objection is respectfully requested.

REJECTION UNDER 35 U.S.C. § 102

Claims 1 and 8-10 are rejected under 35 U.S.C. § 102(b) as being anticipated by Izadian (U.S. Pat. No. 5,300,936). Claims 1 and 8 have been amended to define the radiating element as being spaced in one direction from one side of the vehicle body and the ground plate is spaced in an opposite direction from an opposite side of the vehicle body. This relationship is clearly shown in the figures where the vehicle body 12 is located between the radiating element 15 and the ground plate 16. In addition, the antenna apparatus has been defined as being mounted in a hole defined by a vehicle body (metal attachment plate).

Claim 10 has been amended to define the internal edge of the hole as being located between the radiating element and the ground plate.

Izadian discloses a radiating element 24 spaced from a ground plate 28 but, as illustrated in Figures 1 and 3, the only thing disposed between radiating element 24 and ground plate 28 is dielectric layer 34. Thus, Izadian fails to disclose, teach or suggest having the radiating element spaced in one direction from one side of the vehicle body and having the ground plate being spaced in an opposite direction from an opposite side of the vehicle body. In addition, Izadian discloses a box 30 including grounding plate 28 and sides 38 and thus, the antenna apparatus of Izadian is not mounted in a hole defined by the vehicle body.

Regarding Claim 10, the internal edge 72 of the hole is not disposed between the radiating element 24 and the ground plate 28. As shown in Figure 3, internal edge 72 is located in line with ground plate 28. In addition, the hole which has an internal edge is defined in Claim 10 as being defined by the vehicular body. The internal edge or hole 72 in Izadian is defined by ground plate 28, not by vehicle body 30.

Thus, Applicants believe Claims 1, 8 and 10, as amended, patentably distinguish over the art of record. Likewise, Claim 9, which depends from Claim 8, is also believed to patentably distinguish over the art of record. Reconsideration of the rejection is respectfully requested.

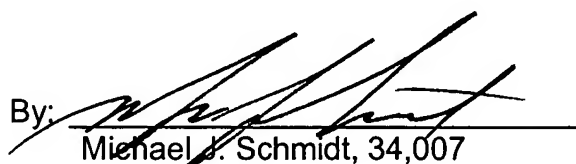
CONCLUSION

It is believed that all of the stated grounds of rejection have been properly traversed, accommodated, or rendered moot. Applicants therefore respectfully request

that the Examiner reconsider and withdraw all presently outstanding rejections. It is believed that a full and complete response has been made to the outstanding Office Action, and as such, the present application is in condition for allowance. Thus, prompt and favorable consideration of this amendment is respectfully requested. If the Examiner believes that personal communication will expedite prosecution of this application, the Examiner is invited to telephone the undersigned at (248) 641-1600.

Respectfully submitted,

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